

BANKNOTE ACCEPTOR

ABSTRACT OF THE DISCLOSURE

A banknote acceptor is disclosed to have a banknote verification assembly adapted to verify the authenticity of the inserted banknote by means of an optical transmitter module, which uses an UV LED to emit UV light through the inserted banknote, and an optical receiver module, which uses a phototransistor to receive light passing from the UV LED through the banknote and to produce a corresponding output signal, for enabling a control unit to determine the authenticity of the banknote subject to the nature of the output signal received from the photo transistor.